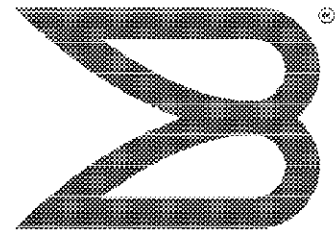


ATTACHMENT 39

EXHIBIT 42

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FastIron

Command Reference

Supporting FastIron Software Release 08.0.20

BROCADE

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Document conventions

The document conventions describe text formatting conventions, command syntax conventions, and important notice formats used in Brocade technical documentation.

Text formatting conventions

Text formatting conventions such as boldface, italic, or Courier font may be used in the flow of the text to highlight specific words or phrases.

Format	Description
bold text	Identifies command names Identifies keywords and operands Identifies the names of user-manipulated GUI elements Identifies text to enter at the GUI
<i>italic text</i>	Identifies emphasis Identifies variables and modifiers Identifies paths and Internet addresses Identifies document titles
<code>Courier font</code>	Identifies CLI output Identifies command syntax examples

Command syntax conventions

Bold and italic text identify command syntax components. Delimiters and operators define groupings of parameters and their logical relationships.

Convention	Description
bold text	Identifies command names, keywords, and command options.
<i>italic text</i>	Identifies a variable.

Convention	Description
value	In Fibre Channel products, a fixed value provided as input to a command option is printed in plain text, for example, <code>--show WWNN</code> .
[]	Syntax components displayed within square brackets are optional. Default responses to system prompts are enclosed in square brackets.
{ x y z }	A choice of required parameters is enclosed in curly brackets separated by vertical bars. You must select one of the options. In Fibre Channel products, square brackets may be used instead for this purpose.
x y	A vertical bar separates mutually exclusive elements.
< >	Nonprinting characters, for example, passwords, are enclosed in angle brackets.
...	Repeat the previous element, for example, <code>member[member...]</code> .
\	Indicates a "soft" line break in command examples. If a backslash separates two lines of a command input, enter the entire command at the prompt without the backslash.

Notes, cautions, and warnings

Notes, cautions, and warning statements may be used in this document. They are listed in the order of increasing severity of potential hazards.

NOTE

A Note provides a tip, guidance, or advice, emphasizes important information, or provides a reference to related information.

ATTENTION

An Attention statement indicates a stronger note, for example, to alert you when traffic might be interrupted or the device might reboot.



CAUTION

A Caution statement alerts you to situations that can be potentially hazardous to you or cause damage to hardware, firmware, software, or data.



DANGER

A Danger statement indicates conditions or situations that can be potentially lethal or extremely hazardous to you. Safety labels are also attached directly to products to warn of these conditions or situations.

Brocade resources

Visit the Brocade website to locate related documentation for your product and additional Brocade resources.

You can download additional publications supporting your product at www.brocade.com. Select the Brocade Products tab to locate your product, then click the Brocade product name or image to open the individual product page. The user manuals are available in the resources module at the bottom of the page under the Documentation category.

To get up-to-the-minute information on Brocade products and resources, go to MyBrocade. You can register at no cost to obtain a user ID and password.

Release notes are available on MyBrocade under Product Downloads.

White papers, online demonstrations, and data sheets are available through the Brocade website.

Contacting Brocade Technical Support

As a Brocade customer, you can contact Brocade Technical Support 24x7 online, by telephone, or by e-mail. Brocade OEM customers contact their OEM/Solutions provider.

Brocade customers

For product support information and the latest information on contacting the Technical Assistance Center, go to <http://www.brocade.com/services-support/index.html>.

If you have purchased Brocade product support directly from Brocade, use one of the following methods to contact the Brocade Technical Assistance Center 24x7.

Online	Telephone	E-mail
Preferred method of contact for non-urgent issues:	Required for Sev 1-Critical and Sev 2-High issues:	support@brocade.com
<ul style="list-style-type: none"> My Cases through MyBrocade Software downloads and licensing tools Knowledge Base 	<ul style="list-style-type: none"> Continental US: 1-800-752-8061 Europe, Middle East, Africa, and Asia Pacific: +800-AT FIBREE (+800 28 34 27 33) For areas unable to access toll free number: +1-408-333-6061 Toll-free numbers are available in many countries. 	Please include: <ul style="list-style-type: none"> Problem summary Serial number Installation details Environment description

Brocade OEM customers

If you have purchased Brocade product support from a Brocade OEM/Solution Provider, contact your OEM/Solution Provider for all of your product support needs.

- OEM/Solution Providers are trained and certified by Brocade to support Brocade® products.
- Brocade provides backline support for issues that cannot be resolved by the OEM/Solution Provider.

- Brocade Supplemental Support augments your existing OEM support contract, providing direct access to Brocade expertise. For more information, contact Brocade or your OEM.
- For questions regarding service levels and response times, contact your OEM/Solution Provider.

Document feedback

To send feedback and report errors in the documentation you can use the feedback form posted with the document or you can e-mail the documentation team.

Quality is our first concern at Brocade and we have made every effort to ensure the accuracy and completeness of this document. However, if you find an error or an omission, or you think that a topic needs further development, we want to hear from you. You can provide feedback in two ways:

- Through the online feedback form in the HTML documents posted on www.brocade.com.
- By sending your feedback to documentation@brocade.com.

Provide the publication title, part number, and as much detail as possible, including the topic heading and page number if applicable, as well as your suggestions for improvement.

About This Document

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What's new in this document

This document is the first release of the FastIron Command Reference.

In this initial release of the FastIron command reference, not all commands supported on the FastIron devices are represented. All new commands supported in the FastIron Release 08.0.20 are included.

For new commands introduced since Release 08.0.01, the history table is shown. For legacy commands the history table is not shown unless an update has been added in recent releases.

Supported hardware and software

This guide supports the following product families for FastIron release 08.0.20:

- FCX Series
- FastIron X Series (FSX 800 and FSX 1600)
- ICX 6610 Series
- ICX 6430 Series (ICX 6430, ICX 6430-C12)
- ICX 6450 Series (ICX 6450, ICX 6450-C12-PD)
- ICX 6650 Series
- ICX 7750 Series
- ICX 7450 Series

NOTE

The Brocade ICX 6430-C switch supports the same feature set as the Brocade ICX 6430 switch unless otherwise noted.

NOTE

The Brocade ICX 6450-C12-PD switch supports the same feature set as the Brocade ICX 6450 switch unless otherwise noted.

For information about the specific models and modules supported in a product family, refer to the hardware installation guide for that product family.

Supported hardware and software

Using the FastIron command-line interface

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Accessing the CLI

Once an IP address is assigned to a Brocade device running Layer 2 software or to an interface on the Brocade device running Layer 3 software, you can access the CLI either through a direct serial connection or through a local or remote Telnet session.

You can initiate a local Telnet or SNMP or SSH connection by attaching a cable to a port and specifying the assigned management station IP address.

Command modes

The FastIron CLI uses an industry-standard hierarchical shell familiar to Ethernet/IP networking administrators. You can use one of three major command modes to enter commands and access sub-configuration modes on the device.

User EXEC mode

User EXEC mode is the default mode for the device; it supports the lowest level of user permissions. In this mode, you can execute basic commands such as **ping** and **traceroute**, but only a subset of clear, show, and debug commands can be entered in this mode. The following example shows the User EXEC prompt after login. The **enable** command enters privileged EXEC mode.

```
device> enable
device#
```

Privileged EXEC mode

Privileged EXEC mode supports all clear, show, and debug commands. In addition, you can enter some configuration commands that do not make changes to the system configuration. The following example shows the privileged EXEC prompt. At this prompt, you issue the **configure terminal** command to enter global configuration mode.

```
device# configure terminal
device(config)#
```

Global configuration mode

Global configuration mode supports commands that can change the device configuration. For any changes to be persistent, you must save the system configuration before rebooting the device. The global configuration mode provides access to sub-configuration modes for individual interfaces, VLANs,